

"Going to the Root of the Problem – Redesigning Your Approach to Managing the Annual Maintenance Process"

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Presentation Outline

- Overview BLM "Stewardship Strategy"
- Background BLM Portfolio
- Objective Performance-Based Annual Maintenance Budget Process
- Approach Process Redesign
- Performance Metrics Internal and External
- Challenges and Lessons Learned
- Summary

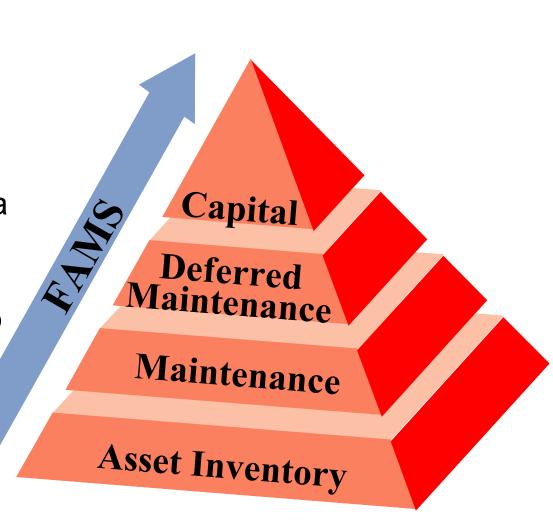




Overview - BLM "Stewardship Strategy"

- Strategic approach to asset stewardship
- Integrates all aspects of asset management
- Developed to provide a Reasonable, Consistent, and Auditable approach to Facility Management







Background – BLM Portfolio

- Annual Maintenance planning is designed to provide for consistent Life-Cycle Management of the Bureau's assets which include:
 - ▶ 82,000 miles of roadways
 - 2,100 Recreation Sites
 - 700 Administrative Sites
 - ▶ 800 Dams
 - ▶ 900 Bridges











Background – Annual Maintenance Redesign

- Drivers
 - President's Management Agenda (PMA)
 - Budget and Performance Integration, i.e., linking funding to performance
 - Must "show" not just "say"
 - OMB and DOI need to "see"
 - Baseline Condition Assessments
 - Management System, i.e., FAMS (Facility Asset Management System)



Performance Measures, e.g., Facility Condition Index (FCI) in DOI's Strategic Plan

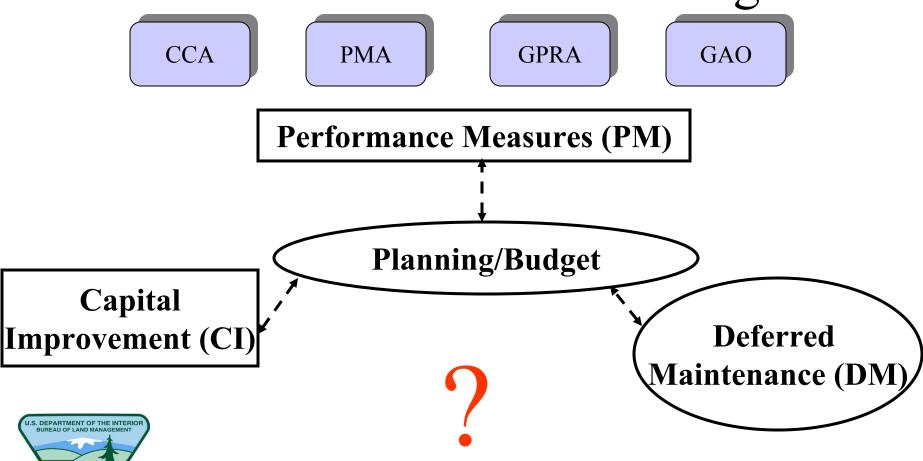


Background – Annual Maintenance Redesign

- Clinger-Cohen Act (CCA)
 - ➤ Capital Planning and Investment Control (CPIC)
- Statement of Federal Financial Accounting Standards (SFFAS) reporting requirements
- GAO's High Risk Series dated January 2003
 - ➤ Federal Real Property (GAO-03-122)
- GPRA
 - ➤ Asst Sec'y Lynn Scarlett's January 2003 memo on performance data credibility
- ► EO 13327, Federal Real Property Asset Management dated February 6, 2004



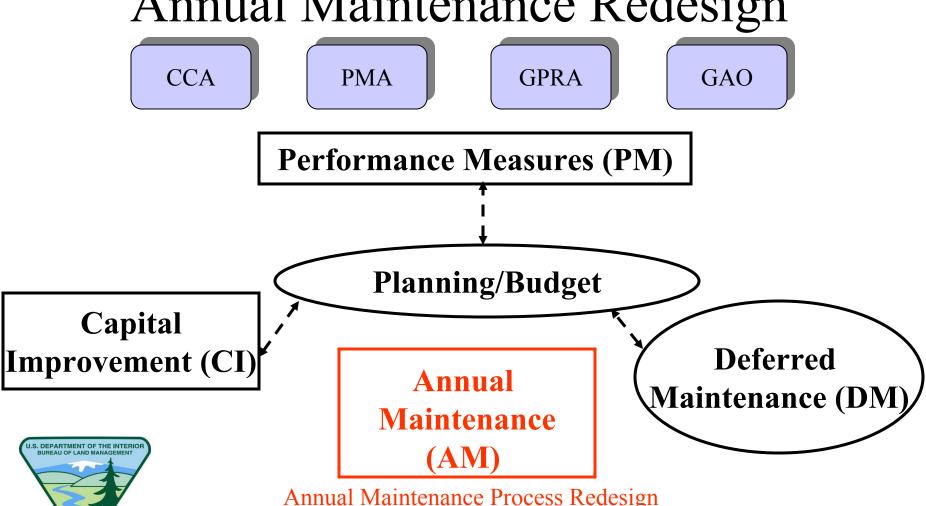








Annual Maintenance Redesign



Annual Maintenance Process Redesign



Objective – Redesign the Annual Maintenance Process

- Define existing annual maintenance business process
- Redesign process to:
 - Improve Accountability
 - Eliminate Deferred Maintenance Backlog
 - Quantify Annual Maintenance Cost
 - Increase Credibility
 - Ensure Consistency
 - Simplify Process for Customers





Approach – BLM Redesign Team

- Establish Redesigned Team
 - Representatives from field and state offices and Washington Office representing Engineering, Property, Fire, Recreation, Information Technology and Budget
- Chartered in March 2002
 - ► Met March, April, and May 2002
 - Sponsored by an Executive Advisory Board





Approach – Identify Issues for Resolution

- GAO, DOI, IG and others have identified:
 - Escalating Deferred Maintenance Backlog
 - Lack of Baseline Condition Assessments
 - Lack of Meaningful Performance Measures
 - Poorly Articulated AM Process
 - Difficulty in Formulating AM Budget
 - Lack of a Core Facility Asset Management System (FAMS)





Approach – Getting to the "Root" of the Problem

- Issues identified symptoms but not the "Root Problem"
- Real Issue:
 - "The lack of a well-defined and effective annual maintenance management process that addresses the entire asset life cycle."





Approach - The Redesign

- Team's Premise:
 - "It is apparent that BLM, or for that matter any organization, cannot manage what they cannot accurately measure."
- Bottom Line:
 - Having credible data to tell the story





Conclusions

- Accurate information is unavailable
- Data does not exist to validate perception that facilities are in good condition
- Annual maintenance funding is inadequate, yet justification for more funding is not advocated nor supported
- Performance metrics are inadequate





Conclusions

- Credible answers are not available for the following questions:
 - What funding is needed to maintain facilities at correct level?
 - Were dollars spent on what was identified as need (i.e., was there efficiency)?
 - What are the consequences of inadequate funding for annual maintenance?





Recommendations

- Leadership
 - Opportunities to brief all levels of leadership
 - Spearhead refocusing on annual maintenance
 - Leadership at all levels actively support initiatives underway (e.g., CA, MAXIMO)
- Business Process
 - Establish Asset Priority Index for each asset
 - Identify/apply operation and maintenance cost factors
 - Establish a BLM Facility Management Forum
 - Establish National Review Process



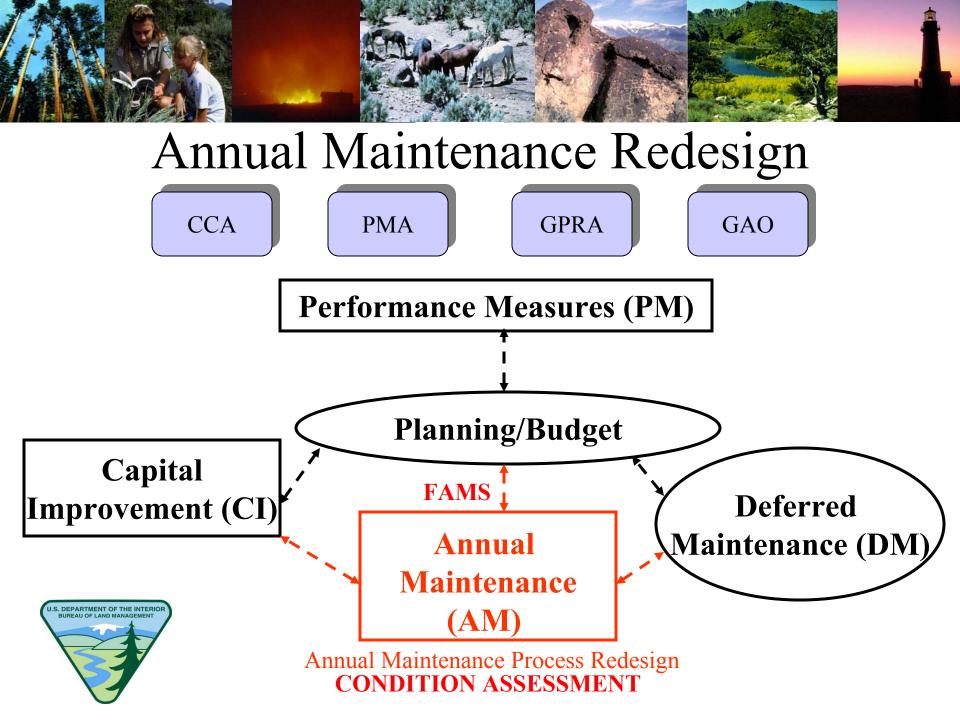


Recommendations

- Data Credibility
 - Implement MAXIMO as FAMS
 - Single data entry
 - Validate BLM real property inventory
- Subsequent Reengineering Efforts
 - Cost modeling

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- Condition of new acquisition
- Integrate new construction with maintenance
- Review real property inventory for decommissioning
- Linkages of life cycle maintenance





Performance Metrics

- Internal
 - Maintenance Standards
 - Unit Cost Factors (Maintenance Cost/Square Foot)
- External
 - Facility Condition Index (FCI)
 - Maintenance Needs Planned versus Accomplished





Challenges and Lessons Learned

- Challenges
 - Integration of efforts
 - Refocus on annual maintenance
 - Formalizing BLM business processes
 - Changing culture
- Lessons Learned
 - Have to change the annual maintenance process to make progress on deferred maintenance
 - Team members are best suited to lead change
 - Redesign process is a great way to "bring the pieces together"





Annual Maintenance Redesign Status

- Briefed Leadership
- Initiatives Underway are Critical
 - Comprehensive Baseline Condition Assessments for Rec/Admin Sites
 - Annual Maintenance Unit Cost Factors
 - Location Adjustment Multipliers
 - ► Full Cost Analysis for Annual Maintenance
 - FAMS Implementation
 - Formalization of BLM Business Rules





Summary

- Maintenance World Extremely Complex
- Need to Refocus on Annual Maintenance
- Need a National Story with Credible Data
- Need to Continually Educate as well as Market the Redesign Effort





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